

# MANSCEN

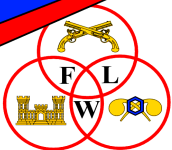
## Occupational Safety and Health Advisory Council (OSHAC)

1<sup>st</sup> Quarter FY 07

# ***OSHAC Agenda***

***15 Nov 06***

- **Introduction**
- **Status of “Due Outs” from last OSHAC**
- **Class A Accident Briefings**
- **“Hot” Safety Topics**
- **Composite Risk Management & Off Duty Safety**
- **Cold Weather Injury Prevention Best Practices**
- **60-Day Hazard Assessment**
- **60-Day Media Push**
- **Commanding General Closing Comments**



# “Due Outs” from last OSHAC

**Issue # 1** Better statistical overview so MANSCEN can better track accident performance (to include comparison to MACOM, other agencies)

**Lead: MSO**

**Status: Amber**

**Comments: MSO is creating a better statistical overview and will incorporate new statistical tracking requirements IAW DA/TRAODOC/IMA safety plan**

**Issue # 2** Indiana accident hazards (parking, pedestrians/runners)

**Lead: MSO / DES / DPW**

**Status: Green**

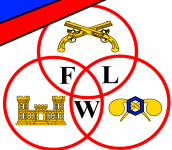
**Comments: Parking lots have been constructed. CofS re-emphasized PT in Safe & Secure route.**

**Issue # 3** Crosswalks / Flashing lights on Iowa at several locations

**Lead: DPW / MSO**

**Status: Amber**

**Comments: - Near bldg. 935, contract awarded (w.o. # 11688)**



# “Due Outs” from last OSHAC

**Issue # 4 Iowa Speed Limit should be reduced to 25 m.p.h. between North and South Dakota**

**Lead: DES / DPW / MSO**

**Status: Amber**

**Comments: Reviewed by all agencies (above). Upon CMD GP approval, DPW will complete.**

**Issue # 5 Cell phone use without hands free device enforcement\_**

**Lead: DES**

**Status: Green**

**Comments: Citations at officer's discretion (DD 1408 or DD 1805 with \$50 fine). CDRs receive Violation Summary w/in 24hrs. DES will continue to enforce and emphasize.**

## ***Class A Accident Briefings***

No Class A  
Accidents/Fatalities  
last quarter  
or in FY06!!

CONGRATULATIONS!!!



## *Safety Topics*

- DA/TRADOC/IMA Mandated Safety Plans
- Quarterly Executive Safety Council, 4 Dec 06
- IG/Safety Inspection, 11-15 Dec 06
- Composite Risk Management & Off Duty Safety

# ***COMPOSITE RISK MANAGEMENT (CRM)***

- **Overview**
- **CRM versus Risk Management**
- **CRM Training Requirements**
- **CRM and Off-duty Safety - Unit Actions**

# ***CRM OVERVIEW***

- **FM 5-19 replaces FM 100-14**
- **Expands RM to focus on all potential hazards:**
  - **Accident risks**
  - **Tactical risks**
  - **Illnesses**
  - **Suicides**
  - **Sexual assaults**
  - **POV accidents**
  - **Off-duty as well as on-duty risks**
- **Intended to mitigate risks associated with all hazards that could**
  - **Kill or injure persons,**
  - **Damage equipment, or**
  - **Otherwise impact mission effectiveness**
- **The loss is the same, regardless of how the loss occurs**

# ***CRM VERSUS RM***

- **CRM principles are the same as those for RM**
  - **Integrate into all phases of missions and operations**
  - **Make decisions at the appropriate levels**
  - **Accept no unnecessary risks**
  - **Apply continuously and cyclically**
  - **Don't be risk averse**
- **The same 5 steps as RM has always had**
  - **Identify hazards**
  - **Assess hazards**
  - **Develop controls and make risk decisions**
  - **Implement controls**
  - **Supervise and evaluate**
- **The Risk Management Worksheet changed slightly**

# ***CRM TRAINING REQUIREMENTS***

- **CRM basic course mandatory for all Soldiers and civilian employees**
- **Course is available at <https://crc.army.mil/commanderscorner/index.html>**
- **Ensure new personnel are trained within 30 days**
- **Additional training available from MSO**
- **Ensure regular refresher training**
- **TRADOC CRM training strategy:**
  - **CRM training will be progressive and sequential**
  - **CRM needs to imprint a new mindset in all Soldiers/Civilians starting in Basic Combat Training / BOLC I / Foundation courses**
  - **Leader education needs to include multiple branch-specific, real-world and contemporary operating environment scenarios where CRM process can be applied**

# TRADOC CRM TRAINING INTEGRATION MODEL

<u>Category</u>	<u>Individual</u>	<u>Tactical</u>	<u>Operational</u>	<u>Strategic</u>
CIVILIAN	<b>Foundation Course</b>	<b>Basic Course</b>	<b>Intermediate Course</b>	<b>Advanced Course</b>
OFFICER	<b>BOLC I (ROTC / USMA / OCS / Direct Appt)</b>	<b>BOLC II / III / Captains Career Course</b>	<b>Intermediate Level Ed / Pre Command Course</b>	<b>Senior Staff College</b>
WARRANT OFFICER	<b>WO Candidate School</b>	<b>WOBC / WOAC</b>	<b>WO Staff Course</b>	<b>WO Senior Staff Course</b>
ENLISTED	<b>Basic Cbt Tng / Advanced Ind Training</b>	<b>Warrior Ldr Course / BNCOC</b>	<b>ANCOC / Battle Staff NCO Course</b>	<b>Sergeants Major Course</b>

# ***CRM AND OFF-DUTY SAFETY***

- **CRM is one aspect of the focus on off-duty safety**
  - **Look at it as a principle, a way of life, rather than as a paperwork process**
- **Key actions units should be taking:**
  - **Encourage personnel to apply CRM principles to off-duty safety**
  - **Example: When traveling, what hazards will I possibly encounter? How serious will they likely be? What can I do to eliminate or mitigate those hazards?**
  - **Use the same process when boating, using power tools, shoveling snow, and other off-duty activities.**
- **Ensure personnel complete CRM training**
- **Six-Point POV Program**
- **ASMIS II for POV travel**
- **Supervisors counsel Soldiers under 26 or “at risk.”**
- **Pre-holiday safety briefings, with POV safety as a primary focus.**
- **Identify motorcycle operators and ensure that they sign the TRADOC Motorcycle Operator Requirements and Individual Responsibility**

# ***CRM AND OFF-DUTY SAFETY***

- **Key unit actions, continued:**
  - **Brigade Command Leave and Pass Program**
  - **Chain of Command Calling Cards**
  - **Commander's Policy on Motor Vehicle Violations/POV Safety**
  - **Make Soldiers aware of implications of being at fault in a POV accident**
  - **Actions taken against Soldiers with DWIs/DUIs**
  - **Counseling of Soldiers at fault in vehicle accidents or with repeat traffic offenses**
  - **Pre-holiday POV safety inspections**
  - **Identify ATV operators and make sure they sign ATV Operator Requirements and Individual Responsibility Statement**

# ***Cold Weather Injury Prevention***

## ***Best Practices***

- **COMMANDERS, LEADERS, SOLDIERS**
  - **Balance Warrior Ethos/TRNG requirements w/Soldier Safety**
  - **IET & Permanent Party alike**
- **COMMANDERS:**
  - **Reverse cycle training (outside in warmer periods of the day)**
  - **Amend/Postpone/Cancel training when necessary**
  - **Be cautious regarding:**
    - Prolonged exposure**
    - Quick warming after exposure**

# ***Cold Weather Injury Prevention Best Practices (continued)***

- **LEADERS**

- **Allow “warm up” time**
- **Ensure that warming tents are available at all training sites**
- **“When in doubt, evacuate”**
- **Realize that the initial signs of a lesser cold injury may cloud assessment of a worsening condition. Do not underestimate the possibility of a worsening condition**
- **When outside the cantonment area use the LMR radio to notify Range Control for evacuation**
- **Ensure Drill Sergeants actively check Soldiers for signs of cold weather injuries**






# ***Cold Weather Injury Prevention Best Practices (continued)***

## **INSTILL IN SOLDIERS:**

- Do not put themselves and buddies at risk by “toughing it out”**
- Realize they are more valuable to their unit when healthy**
- Report all personal injuries (including buddies)**
- Know reporting injuries is not a sign of weakness or “telling” on buddies**
- Always follow rules for cold weather injury prevention, including drinking water to prevent dehydration**

# 60 Day Hazard Assessment

**Initial Risk**

<u>Areas of Concern</u>		
<b>Standards &amp; Discipline</b>	POV and Motorcycle Operation	
	Training and Exercises★	
	Cold Weather Injuries	
	Deployment Operations	
	AMV Operations	
	Quicides★	
	Recreation and R&R★	
	Holiday Safety★	

 Low Risk
  Moderate Risk
  High Risk
  Extremely High Risk

★ Heavy concentration on off-duty safety

# POV and Motorcycle Operation

## POTENTIAL RISKS

- ▣ Aggression
  - ✓ Speeding
  - ✓ Fatigue
  - ✓ Motorcycle Use
- ▣ Substance Abuse
  - ✓ Alcohol & Drugs While Driving
- ▣ Unsafe Vehicle Operation
  - ✓ Personal Vehicles Not Road Worthy
  - ✓ Driver Proficiency Degraded During Extended Deployment
  - ✓ Distracted Drivers (cell phones, eating)
  - ✓ Failure to use Seatbelts, Child Seats
  - ✓ Failure to Wear Motorcycle Helmets

## CONTRIBUTING FACTORS

- ▣ Post Deployment Risk Acceptance Threshold too High
- ▣ Fatigue: Acute and Chronic
- ▣ Alcohol and Drugs
- ▣ Traffic Volume, Impatience
- ▣ Weather and Shortened Daylight Hours

## CONTROLS

- ▣ Leader Engagement
  - ✓ Off-post/Off-Duty Safety
  - ✓ Know your Soldiers hobbies
- ▣ Sustain Aggressive Driver Safety
  - ✓ Know who rides motorcycles/ATVs
- ▣ Aggressive Media Campaign
- ▣ Use of Risk Reduction Program (RRP)
- ▣ Train First-Line Leaders
  - ✓ Leaders/Commanders Safety Course
  - ✓ POV Toolbox
- ▣ Know Before You Go
- ▣ Enforce Army Substance Abuse Program
- ▣ ASMIS 2 (TRADOC Safety Plan)
- ▣ Implement Mandatory Training and Veh. Inspections

# Training & Exercises

## POTENTIAL RISKS

- ▣ Military and Limited Visibility Operations
- ▣ Short Notice Rotational Schedule due to Wartime Commitments
- ▣ Unfamiliar Equipment
- ▣ Operational Conflicts During Joint Operations
- ▣ Training Rotations
  - ✓ Live Fire

## CONTRIBUTING FACTORS

- ▣ OPTEMPO
- ▣ Winter Weather, Decreased Daylight Hours
- ▣ Fatigue and Stress
- ▣ Convoy and Rail Operations

## CONTROLS

- ▣ Chain of Command Presence at Training
- ▣ Adequate Planning Time
- ▣ Risk Management Training Check, Decision Makers Identified
- ▣ Use Crawl / Walk / Run Approach to Training
- ▣ Conduct Task Force Mission Rehearsals and Mission / Safety Briefs Before Operations
- ▣ Familiarize on new equipment
- ▣ Establish outside safety communication
- ▣ Fire prevention & awareness
- ▣ Pre-Coordinate Operational Concerns During Joint Exercises
- ▣ Pre-accident planning
- ▣ Environment familiarization

# ***Cold Weather Injuries***

## **POTENTIAL RISKS**

- ▣ Training
  - ✓ Cold Weather Injury
  - ✓ Dehydration
  - ✓ Soldier Acclimation
- ▣ Recreation in Cold Weather
- ▣ At Risk Behavior – Decompression/Deflation
- ▣ Activities conducted in remote areas
- ▣ Winter Recreation Activities

## **CONTRIBUTING FACTORS**

- ▣ Cool and wet conditions
- ▣ Reduced Daylight Hours
- ▣ Activities Conducted in Remote Areas
- ▣ Fatigue

## **CONTROLS**

- ▣ 1<sup>st</sup> Line Leader Engagement
  - ✓ Off-post/off-duty safety
  - ✓ Know your Soldiers hobbies
- ▣ 1st Line Leader Engagement
- ▣ Dress and pack appropriately for conditions
- ▣ Cold Weather Injury Prevention Training
- ▣ Clothing condition inspection
- ▣ Buddy System
- ▣ Warming facilities, Work Cycling
- ▣ Driver & Crew Preparation
- ▣ Mission Risk Management
- ▣ Utilize MANSCEN CWIP Best Practices

# Deployment Operations

## POTENTIAL RISKS

- ▢ Cold Injuries
- ▢ Weather
- ▢ At Risk Behavior
- ▢ Activities conducted in remote areas
- ▢ Risk Management Challenges
- ▢ Heavy equipment in confined spaces with personnel present
- ▢ Unfamiliar with railhead, or other operations and hazards

## CONTRIBUTING FACTORS

- ▢ Integration of New Leaders, Safety Officers
- ▢ High OPTEMPO
- ▢ Cold, precipitation and slippery surfaces
- ▢ Reduced Hours of Daylight
- ▢ Fatigue

## CONTROLS

- ▢ Minimize convoy operations
- ▢ Railhead training
- ▢ 1<sup>st</sup> Line Leader Engagement
  - ✓ Off-post/off-duty safety
  - ✓ Know your Soldiers hobbies
- ▢ Proactive Command Information Program
- ▢ Disseminate lessons learned
- ▢ Vehicle Preparation
- ▢ Driver & Crew Preparation
- ▢ Cold Weather Injury Prevention Training
- ▢ Risk Management Training Current
- ▢ Improved Safety Communication
- ▢ Suicide Prevention, Family Advocacy

# AMV Operations

## POTENTIAL RISKS

- ▣ Aggressive
  - ✓ Speeding
  - ✓ Fatigue
- ▣ Substance Abuse
  - ✓ Alcohol & Drugs While Driving
- ▣ Unsafe Vehicle Operation
  - ✓ Vehicle Not Road Worthy
  - ✓ Driver Proficiency
  - ✓ Failure to use Seatbelts
- ▣ Rollovers

## CONTRIBUTING FACTORS

- ▣ Post Deployment Risk Acceptance Threshold too High
- ▣ Fatigue: Acute and Chronic
- ▣ Soft Shoulders
- ▣ Traffic Volume, Impatient
- ▣ Weather and Shortened Daylight Hours

## CONTROLS

- ▣ Leader Engagement
- ▣ Wheeled Vehicle Accident Avoidance Training
- ▣ Rollover Drills, Seatbelts, Cargo Secure
- ▣ Use of Risk Reduction Program (RRP)
- ▣ Train First-Line Leaders
  - ✓ Leaders/Commanders Safety Course
- ▣ Know Before You Go
  - ✓ Weather
  - ✓ Road Conditions
- ▣ Driver licensing
- ▣ Mission Risk Assessment
- ▣ Have Patience

# Suicides

## POTENTIAL RISKS

- ▢ Loss of
- ▢ Possible Threat to Family & Acquaintances
- ▢ Humanitarian Considerations
- ▢ Access to Weapons

## CONTRIBUTING FACTORS

- ▢
- ▢ Marital / Relationship Discord
- ▢ Post Holiday Depression
- ▢ Deployment Stress
- ▢ Combat Stress
- ▢ Financial Pressures / Obligations
- ▢ Substance Abuse

## CONTROLS

- ▢ Leader Involvement
  - ✓ Off-post/off-duty safety
- ▢ Effective command communication and suppression of mis-information.
- ▢ Composite Risk Management
- ▢ Train 1st Line Leaders to Identify and Assist At-Risk Soldiers
- ▢ Wellness Programs
- ▢ Chaplain's Programs
- ▢ Mental Health Involvement
- ▢ Weapons and Ammunition Control Procedures
- ▢ Effective Implementation of the Risk Reduction Program (RRP)

# ***Recreation and R&R***

## **POTENTIAL RISKS**

- ▣ POV, M
- ▣ Traffic Congestion & Construction
- ▣ At Risk Behavior – Decompression/Deflation
- ▣ Activities conducted in remote areas
- ▣ Winter Recreation Activities

## **CONTRIBUTING FACTORS**

- ▣ High OPTEMPO
- ▣ Winter Weather and Road Conditions
- ▣ Reduced Hours of Daylight
- ▣ Fatigue

## **CONTROLS**

- ▣ 1<sup>st</sup> Line Leader Engagement
  - ▣ Off-post/off-duty safety
- ▣ Pass Control: Early Departure / Late Arrival
- ▣ Proactive Command Information Program
- ▣ Driver and Vehicle Preparation
- ▣ Cold Weather Injury Prevention Training
- ▣ Train/Refresh in Sports
- ▣ Risk Management Training
- ▣ Suicide Prevention

# ***Holiday Safety***

## ***Thanksgiving/Christmas/New***

### **POTENTIAL RISKS**

- ▣ Conducting activities which have no definable standards or controls.
- ▣ Human Factors
  - ✓ Overconfidence
  - ✓ Complacency to Off-Duty Hazards
  - ✓ At-Risk Behavior
- ▣ Celebrations Involving Alcohol
- ▣ Driving Long Distances
- ▣ Exposure to high risk activities
- ▣ Fire

### **CONTRIBUTING FACTORS**

- ▣ No Supervisory Oversight While Off Duty
- ▣ Fatigue and Stress
- ▣ Alcohol & Drugs
- ▣ Extended Driving Distances - Holiday Driving
- ▣ Cold and Inclement Weather
- ▣ Candles and Additional Electrical Requirements

### **CONTROLS**

- ▣ 1st Line Leader Engaged
  - ✓ Off-post/off-duty safety
  - ✓ Know your Soldiers plans
- ▣ Pass Control: Early Departure / Late Arrival
- ▣ Aggressive Command Information Program
- ▣ Organized Trips and Events
- ▣ Practical Local Alternatives to Driving Under the Influence
- ▣ Sustain Aggressive Driver Risk Management Programs at All Levels
- ▣ Use of Risk Reduction Program (RRP)
- ▣ Enforce Army Substance Abuse Program
- ▣ Buddy System
- ▣ Fire Safety and Extinguisher Training

# ***UNIT SAFETY RESPONSIBILITIES FOR EXODUS***

## **Pre-EXODUS Actions**

- **Ensure that all leaders are familiar with and use the FLW EXODUS risk assessment**
- **Complete a unit risk assessment supplement to the FLW EXODUS risk assessment, if needed**
- **Brief leaders who will execute EXODUS operations on hazards potentially encountered**
- **Provide safety briefing to departing Soldiers**
- **Inform MSO of any last-minute changes in areas to be used as assembly areas**

# ***UNIT SAFETY RESPONSIBILITIES FOR EXODUS***

## **EXODUS Day/Night Actions**

- **Provide written POV safety guidelines to parents and others arriving to pick up Soldiers by POV (provided with EXODUS OPORD)**
- **Practice cold weather injury prevention measures, to include:**
  - **Proper uniform wear**
  - **Minimizing time Soldiers spend outdoors**
  - **Use of transportation, rather than marching, in extremely cold weather**
- **Clear sidewalks of ice/heavy snow or use sand**
- **Use reflective vests and flashlights when crossing streets**
- **Minimize time Soldiers stand in vicinity of buses (CO hazard)**

# 60 Day Media Push

## Nov - Jan

Nov 06



Dec 06



Jan 07

Winter Driving

Hunting & Gun  
Safety

Continue Cold  
Weather Training

Christmas/Holiday  
Safety

Safety in Holiday  
Travels

You Drink. You  
Drive. You Lose.  
Campaign

Ice & Driving on  
Rural Roads

Button up your  
kids for winter  
weather

Fire Prevention  
(FD)

Other topics will be covered in the GUIDON, Safety Channel, and the  
Safety Website

**Safety Website** – Thanksgiving and Christmas Safety  
Presentations are available



**Safety Channel** – Cold Weather Injury Training,  
Winter Driving,  
Christmas/Holiday Safety

# **Open Discussion**

# **Commanding General's Closing Remarks**



*Happy  
Holidays*

